The Gazette



of **Endia**

PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, MARCH 9, 1963 (PHALGUNA 18, 1884)

Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices Issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 9th March 1963

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 16th February 1963

- 86525. Associated Electrical Industries Limited. Improvements relating to cooling arrangements for dynamo-electric machines. (23rd February 1962).
- 86526. Pechiney—Compagnie de Produits Chimiques et Electrometallurgiques. Installation for scrubbing the fumes in an alumina electrolysis works.
- 86527. Metal & Thermit Corporation. Improved technique for preparation of polyurethanes.
- 86528. Babcock & Wilcox Limited Improvements in fluid heater cleaners. (16th February 1962).
- 86529. The Babcock & Wilcox Company. Improvements in and relating to cyclone furnaces.
- 86530. AMP Incorporated. Multi-aperture magnetic core logic devices.
- 86531. Allis-Chalmers Manufacturing Company. Improved dynamo-electric machine.
- 86532. Hardman & Holden Limited. Improvements relating to metal-organic compounds. (23rd February 1962).
- 86533. Imperial Chemical Industries Limited. Modified filaments. (19th February 1962).
- 86534. R. P. Sonneville. Rail fixing means facilitating the laying of the rails in long bars.
- 86535. Garbage Service Company, Inc. Grapple device for material handling apparatus.
- 86536. Sel-Rex Corporation. Bright silver plating.
- 86537. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for supplying a set of beads to a lamp bulb.
- 86538. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to low-power electric machines.
- 86539. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semiconductor systems comprising cadmium chalcogenide semiconductors.

86540. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the preparation of alkylaluminum halides.

The 18th February 1963

- 86541. Council of Scientific and Industrial Research. A reactor for carrying out highly exhothermic and explosive reactions particularly suited for chlorination of methane.
- 86542. I. G. Parekh. Improvements in or relating to electrically operated display device and the like.
- 83543. R. B. Panicker. "Latha", twin nibbed double colour ink supplying fountain pen.
- 86544. V. V. Vaid. Multi interlock switch for various lights in a box for advertisement.
- 86545. Standard Batteries Limited. An improved nonspill light weight battery.
- 86546. J. M. Patel and P. B. Panchal. Providing portable electric drive for machines.
- 86547, General Electric Company. Distillation apparatus.
- 86548. American Cyanamid Company. Film-forming dispersions.
- 85549. Societa' Universal Soc. In Nome Collettivo Di Gallone E. C. Improvements in or relating to ballpointed pens. (7th May 1962).
- 86550. Dunlop Rubber Company Limited. Moulded resilient reversible articles.
- 86551. Imperial Chemical Industries Limited. New colouring process. (26th February 1962). [Addition to No. 73373].
- 86552. C. A. V. Limited, Pressure responsive valves for fuel pumps. (26th February 1962).
- 86553. Asbestos Cement Limited. Automatic corrugation of asbestos cement sheets.
- 86554. Standard Telephones and Cables Limited. Radio beacon. (19th February 1962).
- 86555. K. F. Still. Process for the extraction of phenols from oils.
- 86556. Eduard Kusters Maschinenfabrik. Heat treatment chambers for textile materials subjected to impregnation.
- 86557. Ciba Limited. New vat dyestuffs and process for their manufacture.

- 86558. Farbwerke Hoechst Aktiengesellschaft vormals
 Meister Lucius & Bruning. Granular fertilizer
 obtained from ammonium nitrate and calcium
 carbonate and process for its manufacture.
- 86559. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 1-chloro-N-sulfonylformamidines and process for their manufacture

The 19th February 1963

- 86560. J. Philip. Variable length hook and eye.
- 86561. St. Egydyer Eisen-Und Stahl-Industrie-Gesellschaft.
 Improvements in or relating to processes of manufacturing files having crossed notches.
- 86562. P. K. Kulkarni. Improvements in or relating to vari able-pitch-propeller used on boat.
- 86563. Worthington Corporation. Flexible drive unit coupling.
- 86564. Griffwood, Inc. Sawmilling.
- 86565. The Babcock & Wilcox Company. Means and method of forming an internal rib in the bore of a tube.
- 86566. Imperial Chemical Industries Limited. Compositions of matter. (26th February 1962).
- 86567. Imperial Chemical Industries Limited. Coating compositions. (26th February 1962).
- 86568. Imperial Chemical Industries Limited. Separation process. (27th February 1962).
- 86569. Benger Laboratories Limited. Apparatus. (2nd March 1962).
- 86570. Rohm & Haas Company. Copolymers and compositions containing them.
- 86571. Rohm & Haas Company. Oil-soluble polymers and compositions containing them.
- 86572, Inpower Works (Proprietary) Limited. Inertia fiuld torque transmitter.
- 86573. Albiswerk Zurich A. G. Improvements in or relating to direction-finding equipment. (30th November 1962).
- 86574. Sperry Rand Corporation. Hub for releasably holding a reel.
- 86575. Compaignie Francaise Thomson-Houston. Heat dissipating structure.
- 86576. American Cyanamid Company. Encapsulating machine.
- 86577. United Aircraft Corporation. Torsion bar seal follow-up.
- 86578, Standard Telephones and Cables Limited. Simplified translator.
- 86579. I. W. Shell. Bracket support structure.
- 86580. Hermorion Limited. A method of stamping of a material with low compressibility.
- 86581. Industrie-Cimpanie Kleinewefers Konstruktions-Und Handelsgesellschaft m.b.H. Connection pipes between a feed, or discharge, duct and a recuperator for liquids or gases.
- 36582. Industrie-Companie Kleinewefers Konstruktions-Und Handelsgesellschaft m.b.H. Recuperator tube carrying a medium to be heated and being surrounded by a heat-emitting medium flowing in a direction at right angles to the longitudinal axis of the tube.
- 86583. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Uridine derivatives and process for the manufacture thereof.
- 86584. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.
- 86585. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to short-circuiting switches, methods of manufacturing such short-circulating switches and electric incandescent lamps provided with such switches.

- 86586. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing a new ester of vitamin A.
- 86587. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing vitamin A.

The 20th February 1963

- 86588. Sudhir Kumar Roy. Probodh metal plating which is quite unknown in India.
- 86589. Rodi & Wienenberger Aktiengesellschaft. Extensible link strap.
- 86590. Bruce Peebles & Co., Limited. Improvements relating to transformers or reactors.
- 86591. Ingersoll-Rand Company. Impact tool torque limiting control.
- 86592. Dunlop Rubber Company Limited. Improvements relating to polymerization catalysts and their use. (2nd March 1962).
- 86593. Pittsburgh Plate Glass Company. Method and apparatus for packaging glass fibre strand.
- 86594. American Flange & Manufacturing Co. Inc. Closures and methods for forming the same.
- 86595. Scientific Design Company, Inc. Chemical process.
- 86596. Imperial Chemical Industries Limited. Vinyl chloride polymer compositions. (12th April 1962).
- 86597. Motor Meter Herman Schlaich, Pressure measuring recording instrument,
- 86598. Ciba Limited. Manufacture of compositions containing in arylalkyl-amine.
- 86599. Ciba Limited, Manufacture of aralkyl-amines.
- 86600. Francesco Vismara S.p.A. Steroid 17 -yl acetals and process.

The 21st February 1963

- 86601, Anjali Bhaumik, Automatic electric cigarette lighter,
- 86602. J. S. C. Manchanda. Safety hasps and stapples.
- 86603. K. E. Scott and V. Scott. Improvements relating to structural members, such as beams and girders.
- 86604. Colvilles Limited and W. B. Y. Miller. A method of and apparatus for use in producing slag in fragmented form. (22nd February 1962).
- 86605. "Pliva" Tvornica Farmaceutskih I Kemijskih Proizvoda. Process of isolation of the antibiotic-7-chloro-4-dimethylamino-1, 4, 4a, 5, 5a, 6, 11, 12a-octahydro-3, 6, 10, 12, 12a-pentahydroxy-6-methyl-1, 11-dioxo-2-napthacencarboxamide.
- 86606. Donetsky Gosudarstvenny Proektno-Konstruktorsky I Eksperimentalny Institut Compleksnoi Mekhanizatsiishakt-"Dongiprouglemash". Axial blower.
- 86607. Shell Internationale Research Maatschappij N. V. Composition of high molecular weight and low molecular weight polydiene.
- 86608. Shell Internationale Research Maatschappij N. V. Process for the dewaxing of a wax-containing hydrocarbon oil.
- 86609. Shell Internationale Research Maatschappij N. V. Noval insecticidal dialkyl polyhalo-alpha-(halo-methylene) benzyl phosphates.
- 86610. The Bendix Corporation. Frequency modulated crystal controlled oscillator. (2nd January 1963).
- 86611. Imperial Chemical Industries Limited. Purification of organic bases. (27th February 1962).
- 86612. Palmer-Shile Company. Improved storage racks.
- 86613. Dunlop Rubber Company Limited. Multi-ply mechanical belting.
- 86614. Rank-Xerox Limited. Improvements in xerographic reproducing apparatus.

The 22nd February 1963

- 86615. Ajeyasree Chatterjee. Portable cigarette making machine.
- 86616. N. Sreedharan, The automatic file teeth cutting machine.
- 86617. Dr. S. Krishnamurthy. Oilseed sheller.
- 86618. Montecatini Societa Generale Per L'Industria Mineraria E. Chimica. Process for the preparation of olefinic copolymers. [Addition to No. 78976].
- 86619. Impower Works (Proprietary) Limited. Fluid torque transmitter.
- 86620. Heinrich Koppers, Gesellschaft mit beschrankter Haftung. Improvements relating to heating assemblies.
- 86621. The Goodyear Tire & Rubber Company. Improvements in method of vulcanizing belts.
- 86622. Esso Research and Engineering Company. Improved asphaltsolid compositions and process of manufacture.
- 86623. K. S. Rangappa, Improvements in or relating to pocket refractometers.

Alteration of date

- 77504. The claim to priority date 16th August 1960 has been abandoned and the application dated as of 6th July 1961, the date of filing in India.
- 85803. Ante-dated to 20th September 1961 under Section 5 of the Act.
- 86249. Ante-dated to 19th May 1961 under Section 5 of the Act.
- 86250. Ante-dated to 19th May 1961 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

76702. E. A. Fontana. Improvements in or relating to containers. Accepted on 15th February 1963.

Having below the lid an axially displaceable disc divided into a number of segments, tongues projecting upwardly from alternating segments, tongues corresponding to the slots on the lid.

76726. E. H. Jensen. Method of colour printing colour films and exposure regulator for use in carrying out the method. Accepted on 16th February 1963.

Voltage across photo-sensitive resistance exposed to printing light is adjusted to a predetermined value by variable potentiometer which is thereafter inserted in the charging circuit of a condenser controlling time-delay relay, the condenser being such that time taken to charge it by way of potentiometer corresponds to the desired exposure time.

76737. General Electric Company. Synthetic linear polyesters and a process for preparing the same. Accepted on 16th February 1963.

Reacting dihydric phenol and aromatic carbonyl halide dissolved in a solvent at a temperature from 270°C to reflux temperature of the solution.

76778. Abbott Laboratories. Improvements in steroid lactones. Accepted on 16th February 1963.

^{3β}-hydroxy-17-oxo-5-androsterone is treated with thionyl chloride, diazamethane, and with a base.

76817. Johnson & Johnson. A method of treating tale to obtain tale of increased platy tale content. Aecepted on 22nd February 1963.

Preparing an aqueous slurry having a solid content of less than 30 per cent by weight of finely ground tale and containing effective amount of synthetic organic wetting agent subjecting acqueous slurry to froth-flotation and recovering in froth formed a tale of enhanced platy tale content.

76861. General Electric Company. Improvements in or relating to electrically conductive synthetic diamonds and method therefor. Accepted on 16th February 1963.

Carbonaceous material and a catalyst are subjected to high temperature with addition of an activator material.

76893. Schloemann Aktiengesellschaft. Edge-bonding of different 1963. Accepted on 19th February

Comprising heating particles of different metals above recrystallisation temperature, and hot-rolling parallel streams of different particles concurrently in abutting relation dynamically to consolidate the particles.

77013. Dr. -Ing. T. Helmbold. Means for avoiding the formation of eddies at the boundary layer of bodies round which flow occurs in hydraulic or pneumatic machines, (7th April 1961). Accepted on 19th February 1963.

In the suction side of the casing, there is provided a covering body covering at least the region of one blade.

77150. Farbwerke Hoechst Aktiengesellschaft vormals
Melster Lucius & Bruning. Water-insoluble
metalliferous azo-dyestuffs, a process for their
manufacture and textile fibrous materials or
high organic plastic materials dyed, printed or
coloured by such dyes. Accepted on 20th February 1963.

Wherein 1 or 2 mols of the diazonium compound of an amine are coupled with 1 mol of an arylamide of an aromatic or heterocyclic-O-hydroxycarboxylic acid, and the azodyestuff thus obtained is treated with an agent yielding metal.

77223. Council of Scientific and Industrial Research. Bed load sampler. Accepted on 18th February 1963.

Characterised in that the exit is at a higher level than the entrance and a deflector is provided for checking the bed load flow.

77496. J. R. Geigy A.-G. Process for the production of chromium-containing monoazo dyestuffs, the dyestuffs so produced and their use for the dyeing of polyamide material. Accepted on 19th February 1963.

Containing chromium acetate with dyestuff formed by reacting diazotised 2-amino-1-hydroxybenzene-4-methyl sulphone and 1-(4-nitrobenzoylamino)-7-hydroxynaphthalene.

77504. Wickman Limited. Control of machines or apparatus by coded tape or the like. Accepted on 16th February 1963.

Comprises performing selected functions of the machine or apparatus under control of signals on a coded tape, and a part of the machine or apparatus is being moved during the period of these functions, in a selected direction.

77987. J. T. Baker Chemical Company. Improved polymers and process of preparation thereof. Accepted on 16th February 1963.

Subjecting crude polymer to a temperature range of 400 to 640°F and a vacuum of 2 to 200 mm. of Hg. for a period sufficient to volatilise monomeric materials.

78109. Mitsubishi Denki Kabushiki Kaisha. Damping magnet device for rotatory disk in instrument or relay of induction type. Accepted on 18th February 1963.

Comprises a yoke member including a pair of substantially parallel leg portions, an adjuster plate of magnetic material and an adjustable magnetic pole portion.

78118. International Resistance Company. Electrical components and method and apparatus for manufacturing the same, Accepted on 18th February 1963.

Comprising an electrical element having terminal wires extending therefrom and electrically connected thereto and an organic plastics jacket covering element.

78128. SKF Kugellagerfabriken Gesellschaft mit beschrankter Haftung. Improvements in or relating to top weighting rollers for textile drafting machines. Accepted on 19th February 1963.

Coupling member has a retaining resilient portion engaging a channel formed in the other part.

78134. Minneapolis-Honeywell Regulator Company. Improvements in electro-mechanical signal transducers. Accepted on 19th February 1963.

Wherein a motion-reducing mechanism is arranged for transmitting a motor drive to an angularly movable strain changing member and the latter alters the strain and hence the electrical resistance of the wire is altered.

78159. Simoniz Company. A method for the preparation of a polyurethane open cell product. Accepted on 21st February 1963.

Reacting a foamed polyurethane sponge with ozone with simultaneous mechanical working.

78175. Ciba Limited, Water-soluble anthraquinone dyestuffs, process for their manufacture and fibres dyed or printed with such dyestuffs. Accepted on 16th February 1963.

Alkylating or arylating an 1-aminoanthraquinone.

78178. American Radiator & Standard Sanitary Corporation. Refrigeration machine. Accepted on 19th February 1963.

Having a hollow shell, an enclosed hollow partition dividing in two compartments, the condenser and evaporator units positioned in said compartments, the compressor being on the shell.

78192 Poron Insulation Ltd. Method and apparatus for cutting thin sheets of expanded polystyrene or the like material. (24th August 1960). Accepted on 16th February 1963.

Including a pair of axially parallel rollers between which passes the material to be cut, one of the rollers being a drive and compression roller, the other being a freely rotatable reaction roller, an endless knife and engless feed-out conveyor.

78193. J. M. Voith G.M.B.H. Heidenheim (Brenz). Device for the preparation, specially for the deflaxing of fibrous materials or the like soaked in liquid. Accepted on 22nd February 1963.

Includes at least two tools, with their working surfaces turned towards one another and are provided with a blading formed by recesses and reglets.

78453. Nikek Nehezipari Kulkereskedelmi Vallalat Loadbody harnesses and the like. Accepted on 16th February 1963.

Provided with mechanism to secure to the human body a harness for receiving ends of harness, the mechanism carrying a releasable load; manually operated levers to release said load and permitting ends of harness to be detached.

78225. Normalair Limited. Improvements in or relating to liquid oxygen converter systems. Accepted on 19th February 1963.

Having automatic pressure controlling means such that when pressure is below normal, oxygen passes successively through a low pressure outlet means, through heat exchanging conduit means and thence to a delivery conduit, a portion of heat exchanging conduit being in contact with a liquid phase of the converter, and when the pressure attains normal, oxygen flows through a high pressure outlet means to delivery to delivery conduit.

78232. Sailesh Chandra Sen, A cane puncturing device. Accepted on 18th February 1963.

Comprising a bar having at its end a puncturing needle, the needle consisting of a channel shaped body and having its front end pointed.

78241. The English Electric Company Limited. Improvements in and relating to electric control apparatus. (6th September 1960). Accepted on 18th February 1963.

Includes in combination a constant current network for delivering when energised a direct current of substantially constant magnitude at its output circuit, and the first and second changeover circuits are connected in parallel across the output circuit.

78245. I. C. Jennings. Improvements in single lobe liquid ring pumps. Accepted on 18th February 1963.

Wherein inlet and discharge portions of non-rotatable port axially extending inside rotor communicates with rotor displacement chambers.

78247. Normalair Limited, Improvements in or relating to demand regulators. Accepted on 16th February 1963.

Regulator for automatically controlling the proportion of air in oxygen and applying safety pressure to ensure low resistance to breathing at different altitudes.

78249. Societe Des Usines Chimiques Rhone-Poulenc. Pesticidal compositions containing phosphorus esters. Accepted on 16th February 1963.

Comprising 0.005-50 per cent of N-methyl-5-(0, 0-dimethylthiolophosphonyl -3- thia-3-oxo-2-methylvaleramide in the form of ravemate, laevo- or dextrorotatory or a mixture of these and a diluent.

78252. Mccaplast S.A. Improvements in or relating to containers having a lining of plastic material. Accepted on 19th February 1963.

Characterised in that said pocket is of the type of having a neck or spout which is retractable or withdrawable and comprises at the base of said spout an annular recess in which is engaged the edge of an aperture of corresponding shape of the support.

78267. Eastman Kodak Company. Cyclobutane derivatives. (2nd September 1960). Accepted on 16th February 1963.

Reacting an olefine with an enamine.

78268. J. R. Geigy A.-G. Process for the production of new alkyl benzoic acid derivatives. Accepted on 19th February 1963.

Reacting a halogenmethyl benzoic acid derivative with a suitable alcoholate or mercaptide.

78272. Merck & Co., Inc. Squeezable container. Accepted on 19th February 1963.

Wherein projections are formed on both sides of the longitudinal side so that the container may be held without squeezing.

78308. G. B. Marriott and M. J. L. Rogers, Tank for the storage of fluids. Accepted on 19th February 1963.

Open bottomed tank having a roof capable of floating on water, and a skirt of sheet material fringing the roof around its periphery and adpending vertically therefrom.

78453. Nikex Nehezipari Kulkereskedelmi Vallalat Loading machine, especially for sticky materials. Accepted on 19th February 1963.

Loading head is provided with conveying elements and is supported together with a conveyor on a travelling chassis.

78457. Imperial Chemical Industrics Limited. Improved transportable container. (28th September 1960). Accepted on 19th February 1963.

Comprises a substantially rectangular box-like containing vessel of at least 30 cubic feet capacity having four generally flat sides and one end convergent to form an aperture.

78516. Union Carbide Corporation. Cellular plastic net. Accepted on 16th February 1963.

In which the strands are made of a foamed thermoplastic material.

78521. Dunlop Rubber Company Limited, Improvements relating to assemblies of packed articles and cushioning material therefor. Accepted on 19th February 1963.

Comprising an article, a container accommodating the article and a packing intervening between the article and the container.

78553. The Long Meg Plaster & Mineral Co. Limited, Improvements in vehicles provided with drag line loaders. Accepted on 16th February 1963.

Provided a rearwardly extending boom which supports the tail pulley of a drag line loader having a skip for drawing loads up a tailboard.

78608. Massey-Ferguson Inc. Improved excavating attachment for transport vehicles. Accepted on 19th February 1963.

Comprises two pivotally inter-connected sections the outer ends have connections with excavating implement and a link.

78627. Beecham Research Laboratories Limited. Novel penicillins having antibacterial activity. Accepted on 16th February 1963.

6-aminopenicillanic acid or a liquor containing the same is reacted with O-C1CO C_6H_1 -CONR₁R₂ (R, and R₂ are substituents or together form a heterocyclic ring) and, if desired, the product is converted into an acid addition salt.

78630. Chas. Pfizer & Co., Inc. Improvements in and relating to the preparation of phosphorous substituted 6-aminopenicillanic acid derivatives.

Accepted on 19th February 1963.

Reacting 6-aminopenicillanic acid or a salt thereof with a compound containing a thionophosphate group.

78661. N. V. Philips Gloeilampenfabricken. Improvements in or relating to indirectly heated oxide cathodes for use in electron valves. Accepted on 19th February 1963.

To the surface of the supporting body of the emissive cathode layer is applied a black layer obtained by the reaction of finely divided aluminium powder with the metal of the supporting body.

78669. Union Carbide Corporation. Molten bath treating lance. Accepted on 19th February 1963.

Comprising forming within the chamber a fluid stream into a swirling mass, and impinging the stream vertically on the bath surface.

78670. Braithwaite & Co. (India) Limited. Improvements in and relating to pile boring. (21st October 1960). Accepted on 19th February 1963.

Head gear is provided for suspending the tool (excavating grab) mounted directly on the pile itself whilst this is being sunk.

78706. Lloyd's Packing Warehouses (Holdings) Limited.
Loading platform for the mechanical handling
of freight. (5th October 1960). Accepted on 19th
February 1963.

Comprising a hinged flap at the exit of the deck to bridge the gap between it and the hatchway and power means to lift and lower the

78722. Montecatini Societa Generale Per L'Industria Mineraria E Chimica, Process for the polymerisation of alpha-olefins to crystalline polymers. Accepted on 19th February 1963.

Polymerizing in the presence of a system containing H and a catalyst comprising an organic compound of a metal (Gr. I to III) and a transition metal halide, characterised in that 0.05 to 2.5 mole of H/mole of transition metal halide is added to the catalyst.

78794 Imperial Chemical Industries Limited. Manufacture of polymers containing isocyanate rings. (20th October 1960). Accepted on 19th February 1963.

Carrying out the polymerisation in presence of mono-N-substituted carbamic ester.

78848. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to memory elements consisting of conductive magnetic material. Accepted on 16th February 1963.

Is in the form of thin film with a preferential orientation of the magnetisation, and a magnetic field is set up having component at 90° to the preferential orientation magnetistion.

78853. Shell Internationale Research Maatschappij N.V.
Process for the catalytic hydrogenating treatment of hydrocarbon oils. Accepted on 19th February 1963.

The oils are heated to reaction temperature by indirect heat exchange with gas containing H heated to a higher temperature than that at the beginning of the reaction zone, and the gas containing H is later mixed with the oil to be hydrogenated.

78895. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of obtaining an aqueous impregnating liquid containing a thermosetting resin of the phenolaldehyde type. Accepted on 21st February 1963.

Characterized in that a hydroxybenzene or a mixture of hydroxybenzene compounds is caused to react in water with a molecular excess of formaldehyde at increased temperature and with an acidity from pH 7.0 to 8.5.

78900. Union Carbide Corporation, Production of aliphatic olefin oxides. Accepted on 18th February 1963.

Comprises introducing a feed mixture containing the corresponding saturated aliphatic hydrocarbon and 4 to 14 per cent by volume of oxygen into a reaction zone at such a rate as to have a contact time of from 0.07 to 1.5 seconds.

78947. W. P. Iggulden, Improvements in equipoise mechanism. Accepted on 19th February 1963.

Characterised in that one or both of the levers is of channel section and the longitudinal side edge or edges of one can telescope within the other.

78948. Varian Associates. Optical magnetometer. Accepted on 21st February 1963.

Comprising a pair of cross-coupled optical absorption cells.

78975. N. V. Phlips Gloeilampenfabrieken. Improvements in or relating to arrangements for mixing highfrequency signals. Accepted on 19th February 1963.

In which a high frequency circuit and an I.F. absorption circuit are connected between the two electrodes of a transistor to which the high frequency signals and the local oscillator oscillations are applied and a resistor of low value is connected across the coil of the absorption circuit

79032. Ciba Limited. Manufacture of new hydrazones. Accepted on 16th February 1963.

Wherein in corresponding compounds containing a radical convertible to a guanylhydrazone grouping or a free ammino group, the radical is so converted by methods known per se.

79082. Dunlop Rubber Company Limited. Improvements in or relating to pneumatic tyres. (1st November 1960). Accepted on 16th February 1963.

The state of the s

Comprising a tread reinforcement disposed beneath the tread region of the tyre, and a carcass each sidewall of which is provided with a half ply extending from the associated bead region and up the sidewall to terminate beneath the side of the tread region nearest the sidewall.

79111. R. Hall. Production of structural cellular materials. Accepted on 19th February 1963.

Which comprises laminting the sheet material with bands of adhesive to form a composite material and building it up to form the unexpanded cellular material by securing together layers thereof with further bands of adhesive, the bands laminating the individual layers within the composite material.

79113. G. Q. Parachute Company, Limited. Load carriers for use by parachutists and others. (7th November 1960). Accepted on 16th February 1963.

Leg strap being automatically released on the release of the securing means of the carrier.

79115. Klockner-Humboldt-Deutz Aktiengesellschaft. A method of and apparatus for producing uniformly concentrated pulp. (6th September 1961). Accepted on 16th February 1963.

Characterised by measuring pressure in a certain height of a measuring section through which the plup is passed from bottom upwards and which has one or more outlets below the pulp surface, for defining the rate of flow and specific gravity of pulp and regulating in dependence upon the measuring two partial pulp of streams of different specific gravity such that in dependence on the rate of flow in one stream and the specific gravity in the other, the supplying quantity in respective stream is regulated.

79156. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of laminates. (8th August 1961). Accepted on 21st February 1963.

Bonding together two or more layers of which one of the layers is of metal using a curable adhesive composition.

79195. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process of applying a subbing layer to a high polymer foil or film. Accepted on 16th February 1963.

Treating the high polymer foil or film with a mixture of partly hydrophobic and partly hydrophillic copolymerisable mono and polyfunctional monomers, then applying a layer of hydrophillic colloid and irradiating the composite foil or film with ultra-violet light.

79345. Institut Francais Du Petrole, Des Carburants Et Lubriflants, Improvements in the process for making isoprene by condensation of isobutene with formaldehyde. Accepted on 18th February 1963.

Cracking, in presence of a dehydrating catalyst, the secondary products from the production of isoprene by reaction of isobutene and formal-dehyde.

79427. "Automatic". Sprinkler Corporation of America. Improvement in or relating to pipe joint. Accepted on 19th February 1963.

Comprising a pipe having an external circumferential groove adjacent one end, a coupling for the grooved end of the pipe, a pair of spaced channels in the coupling, the channel nearest to the entrance end of coupling having radially tapered bottom, a contractile split ring within said last-mentioned channel, a gasket in the other channel and means for uncoupling the joint including outturned ends on said ring loosely positioned in a slot in said coupling.

79537. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Manufacture of phenolic resins. Ac cepted on 21st February 1963.

Reacting phenol with heavy residues formed as by product in condensation of formaldehydes with nonoolefins.

79569. Reynolds Metals Company. Extrusion heat treating system. Accepted on 19th February 1963.

Simultaneously extruding and heat treating a heat-treatable aluminium alloy to produce an extrusion having a temper equivalent to that obtained by separate solution heat treating operations.

79570. Westinghouse Electric Corporation. Semiconductor devices. (29th December 1960). Accepted on 16th February 1963.

Comprises a semiconductor wafer having a base region of one conductivity type and a least three regions of the opposite conductivity type wherein a low resistance and non-rectifying bridge is provided between the first emitter electrode and the second base electrode.

79595. Deccan Gas Corporation. Improved burner and the like for producer gas. Accepted on 20th February 1963.

Consists of outer pipe welded to tapered hood within which extends inwardly gas inlet pipe nozzle, deflecting vanes and detachable burner cleaning device in space in between.

79596. Council of Scientific and Industrial Research. A process for the preparation of calcium-based water solube of dispersible proteins. Accepted on 21st February 1963.

Adding calcium-hydroxide solution dissolver in acqueous sucrose solution to protein in am monia.

79616. National Distillers and Chemical Corporation. Combined tagging and packaging machine and method. Accepted on 16th February 1963.

Machine comprising adjustable feeding means a spreader, reciprocable heated sealing and seve rence means for detaching the bag length from the sheet material, scrap picker mechanism guard means, safety sealing means and the con trol means.

79647. Deutsche Tafelglas Aktiengesellschaft Detag. Method and apparatus for continuously producing mold ed articles and sectional sheets of plastics. Accepted on 16th February 1963.

Comprises the steps that, sections of the shee fed, are drawn into the peripheral recesses o apertures provided in the revolving drum b's means of a vacuum acting from the inside of the drum and the synthetic resin is thereafter curec

79708. The British Fibrak Separator Company Limited Improvements in or relating to permeable dia phragm materials for battery separators. (12th December 1960). Accepted on 20th Februar 1963.

Comprising a base material having a diatomaceous earth and cellulosic pulp.

79774. Respo Laboratories. Pharmaceutical composition: Accepted on 19th February 1963.

Comprising sodium pyroborate, powders c seeds of Embelia Bibes, Long pepper and etracts of Asafetida, Aloe, China Rose, Plumbage rosea Linn, Stephania hermandifolia Walp, Sidrhomboidea Roxb and a carrier.

79806. Milprint, Inc. Packaging materials comprisin coated linear polyolefin films of improved heat seal characteristics, Accepted on 20th Februar 1963.

Comprising a linear polyolefin film as a sul strate and a heat sealable coating in adherent relationship thereto.

79846. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electro-optical semi-conductor devices. Accepted on 19th February 1963.

Comprising at least one radiation source which is a p-n-type recombination radiation source having a radiation intensity which increases in superlinear relationship with the current strength through the radiation source, at least over a portion of the current trajectory, due to incorporation of radiationless recombination centres,

80014. Monsanto Chemical Company. Yarn Storage and feeding system for circular knitting machines. Accepted on 22nd February 1963.

Comprises rotatable superstructure including yarn holder supporting means, means for driving superstructure synchronously with the cylinder and yarn guiding means.

80093. Dominion Magnesium Limited, Device for condensing metal vapours. (15th February 1961). Accepted on 20th February 1963.

Comprising a chamber closed at one end and open at the other, an open ended removable metal sleeve within the chamber, characterised in having atleast one vent in the wall of the sleeve through which metal vapour condenses.

80158. Shell Internationale Research Maatschappij N. V. Process for the catalytic conversion of propene to higher hydrocarbons with a branched carbon chain. Accepted on 22nd February 1963.

Characterized in that propene is polymerized to a product with 6 to 15 carbon atoms and then passed over a solid acid isomerization catalyst containing one or more sulphides, selenides, tellurides, arsenides and/or antimonides of the sixth or eighth group of the Periodic System.

80181. Imperial Chemical Industries Limited. Improvements in or relating to polymeric materials. (16th January 1961). Accepted on 20th February 1963.

Characterised in that an interaction product of a phosphorus oxyhalide and an organic polyhydroxy compound is incorporated in the reactants.

80332. Nuquip Limited. A device for introducing a liquid into a stream of pressurised gas. (27th January 1961). [Addition to No. 72093]. Accepted on 19th February 1963.

Comprising a valve member engageable with the seal, mounted on a guiding stem having longitudinal throughway therein, arranged to communicate at one end with a source of liquid at a pressure equal to pressure of the gas upstream of the valve seat and at the other end thereof with an orifice in the valve member.

80500. Clyde Crane & Booth Limited. Improvements in or relating to crane tower structures and jib cranes. (1st February 1961). Accepted on 18th February 1963.

Comprising a fabricated or other legged base part, and an upper tower part which includes a top ring with pendant bifurcated legs or columns having their lower ends secured to base part.

80513. AMP Incorporated, Signal sequence detector. Accepted on 19th February 1963.

Employing a series of multiaperture magnetic cores.

80573. AMP Incorporated. Electrical connector. Accepted on 16th February 1963.

Wherein resiliently depressable projections on one member are arranged to engage in recess means on the other member.

80601. Standard Telephones and Cables Limited. Electric conductors and methods of manufacture (3rd March 1961). Accepted on 19th February 1963.

Conductor having at least a portion of surface coloured and having thereover a coating of electrically insulating material. 80656. Westinghouse Electric Corporation. Improvements in or relating to elevator systems. Accepted or 19th February 1963.

Including elevator cars, means for mounting the same for movement, service demand registering means, control means for operating elevator cars to answer such demands including means for assigning successive ones of the elevator cars to successive ones of zones in response to service demands in these zones.

80708. H. N. Contractor. Improvements in or relating to shuttles and also to a process and means for manufacturing them. Accepted on 22nd February 1963.

The cradle with the tongue and the spring is fitted in recess conforming to the external shape and configuration of the cradle and is locked therein.

80875. Continental Motors Corporation. Improvements in or relating to engine controls. Accepted on 19th February 1963.

Automatic variation of throttle position to obtain uniform manifold pressure during variable operating conditions.

80876. Continental Motors Corporation. Improvements in or relating to engine controls. Accepted on 19th February 1963.

Coordinating means arranged to energise the supercharger only during a predetermined range of throttle operation and in dependence on the degree of throttle opening.

80993. Institut Francai Du Petrole, Des Carburants Et Lubriflants. Improvements in or relating to the reduction of iron ores. Accepted on 20th February 1963.

Combination of two consecutive reduction stages by reducing gases drawn from the cracking or partial oxidation of methane.

81048. Westinghouse Electric Corporation. Improvements in or relating to improved copper base alloys. Accepted on 20th February 1963.

Alloy comprising .2 to 2.1 per cent by weight of beryllium, from 0.5 per cent to 12 per cent by weight of cobalt, from .01 per cent to 1 per cent by weight of zirconium. the balance copper and small amounts of incidental impurities.

81077. Palmer-Shile Company. Improvements in or relating to storage racks. Accepted on 21st February

A pair of front and rear vertical posts and crossmember connecting said posts, horizontal rail members and a pair of vertically extending connecting element secured to opposite ends of each rail member.

81148. Imperial Chemical Industries Limited. Improvements in extrusion processes and apparatus therefor. (24th March 1961). Accepted on 16th February 1963.

Fluid is supplied under pressure through fluid permeable means to the inner surface of the barrel of the extruder at least at or near the barrel end nearer the die in a region extending round the circumference of the barrel.

81353. Hunslet (Holdings) Limited. Solid fuel combustion apparatus. (22nd March 1961). Accepted on 22nd February 1963.

Means for passing a mixture of primary air and steam upwardly through a grate supporting solid fuel and introducing secondary air above the grate for burning gases formed by the fuel and mixture of primary air and steam.

81882. The Metal Box Company Limited. Improvements in or relating to applicator type containers. Accepted on 22nd February 1963.

The element secured to one face of the pad is made by injection moulding process with one face secured to the element during moulding.

82368. Schaku Scharfenbergkupplung G.m.b.H. Operating gear for electric cable connector couplings of automatic centre buffer couplers. Accepted on 18th February 1963.

A can plate connected with the main pivot of the mechanical coupler is arranged for connecting the mechanical coupler with the cable coupling.

82369. Schaku Scharfenbergkupplung G.m.b.H. Electric cable connector coupling for vehicles, in particular rail vehicles. Accepted on 18th February 1963.

Includes an axially shiftable payl on the main pivot which establishes a separable connection between the can disc and the guide rods (cable coupler rods and sliding piece).

85803. The Long Meg Plaster and Mineral Co. Limited.
Improvements in drag line loaders or scrapers.
[Divisional date 20th September 1961]. Accepted on 16th February 1963.

Tail pulley is carried by a pair of radial booms hinged by generally vertical pivots respectively to a pair of generally parallel and individually extensible booms.

86249. Abbott Laboratories. Improvements in steroid lactones. [Divisional date 19th May 1961]. Accepted on 16th February 1963.

3-hydroxy-17-oxo-5-androsterone -16- ylidenacetic acid is reduced treating the reduced product with acetic anhydride and hydrogenating the obtained diacetate.

86250. Abbott Laboratories. Improvements in steroid lactones. [Divisional date 19th May 1961]. Accepted on 16th February 1963.

Condensing a 17-ketosteroid with glyoxylic acid in alkaline medium followed by esterifying the product obtained.

Opposition Proceedings

The application for Patent No. 69514 made by Merck and Co. Inc., in respect of which an opposition was entered by F. Hoffmann-La Roche and Co. Aktiengesellschaft as notifified in Part III Section 2 of the Gazette of India dated the 30th September 1961 has been treated as abandoned.

Patents Sealed

 72569, 72688, 72891, 73681.
 74096, 74172, 74223, 74239, 74243

 74266, 74520, 74587, 74685, 74696, 74823, 74882, 74980, 75132,

 75154, 75251, 75254, 75290, 75291, 75295, 75312, 75316, 75331,

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 76486, 76507, 76510, 76586, 76587, 76662, 76699, 76700, 76725,

 76729, 76773, 76812, 76883, 77238, 77334, 77531, 77747.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that National Malleable And Steel Castings Company, Manufacturers, of 10600 Quincy Avenue city of Cleveland, Zone-6, State of Ohio, United States of America, a corporation organised under the laws of the state of Ohio, United States of America, and seek leave to amend the name and address of the applications in the application specification and drawings in respect of Patent application No. 75477. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Glaxo Laboratories Limited, now re-named Glaxo Group Limited, a British Company of Greenford, Middlesex, England, Chemical Manufacturers, seek leave to amend the name of the applicants in the application, specification and drawings in

respect of Patent application No. 76438. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Phillips Petroleum Company, a corporation organized under the laws of the State of Delaware, United States of America, of Bartlesville, State of Oklahoma, United States of America, seek leave to amend the description and claims in the specification in respect of Patent application No. 77310. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

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39242, 39594, 40996, 41059, 41109, 41170, 41171, 41218, 41528.
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67067. 67162, 67165. 67166, 67167. 67223. 67226. 67242. 67314.
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73001. 73554, 73555.
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Cessation of Patents

37720, 41633, 43423, 47563, 47579, 49828, 49837, 52261, 52281, 52293, 54864, 54873, 54874, 54897, 57770, 57776, 57778, 57779, 57799, 57810, 57811, 57814, 59950, 60933, 60960, 60984, 60989, 60990, 61000, 61011, 62859, 64525, 64534, 64539, 64541, 64554, 64563, 64573,

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 116241. Pin-Clip Industries, Indian firm, Tokarshi Jivraj Road, Sewree, Bombay 15, Maharashtra, "Paper clips", December 6, 1962.
- Class 1. No. 116281, Dilip Kumar Chowdhury, 17-1A, Sircar Lane, Calcutta-7, West Bengal, Indian National, "Type founts", December 10, 1962.
- Class 1. No. 116311. Sewa Singh, Indian National, Sultanwind Road, Amritsar (Punjab), "Bicycle carrier", December 12, 1962.

- Class 1. No. 116403. Natesa Achary Mohambram, Umayapuram Street, Anantapuram, (Via) Villupuram R.M.S., South Arcot District, Madras State, South India, Subject of the Indian Republic, "Metal lamp", December 17, 1962.
- Class 3. No. 116246. National Tape Co., a partnership firm registered in India, Ferozpur Road, Ludhiana, East Punjab, India, "Plastic case for measuring tapes", December 7, 1962.
- Class 3. Nos. 116308 to 116310. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", June 19, 1962 (United Kingdom).
- Class 3. No. 116321. Vokram Aditya Neotia, Indian citizen, 5, Clive Row, Calcutta-1, West Bengal, India, "Telephone amplifier", December 13, 1962.
- Class 4. No. 116229. J. B. Bottling Company Private Ltd., J. B. Building, Karol Bagh, Devnagar, New Delhi, India, (Indian Company), "A bottle", December 5, 1962.
- Class 5. 116040. Sait Nagjee Purushotham and Co. Private Limited, Post Box No. 36, Calicut-1, Kerala, Indian Registered Firm, "Cartons & wrappers for talcom powder", November 20, 1962.
- Class 5. No. 116181. Narayan Shigrayya Kurapatto., 295, Ganj Peth, Poona 2, (Maharashtra), Indian Nationality, "Wrapper", December 1, 1962.
- Class 5. No. 116245. Indigenous Drug House, 1B, Indra Roy, Road, Calcutta-25, West Bengal, India an Indian Partnership Firm, "Labels", December 7, 1962.
- Class 12. No. 116351. Resham Singh, Khandari Road, Agra, Uttar Pradesh, an Indian Nationalist, "Soap cakes", December 15, 1962.
- Class 13. No. 116174. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay, "Cotton piecegoods", November 29, 1962.
- Class 13. Nos. 116248 to 116271. Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, State of Maharashtra, "Textile piece goods", December 7, 1962.
- Class 13. Nos. 116322 and 116323. The Tata Mills Ltd., an Indian Company, Bombay House, Bruce Street, Fort, 13, Bombay, Maharashtra, "Textile goods", December 13, 1962.
- Class 13. Nos. 116344 and 116345. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", December 15, 1962.

- Class. 13. Nos. 116400 and 116401. The Khatau Makanji Spg. and Wvg, Co., Ltd., Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", December 17, 1962.
- Class 13. Nos. 116420 to 116422. The Khatau Makanji, Spg. and Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", December 19, 1962.
- Class 13. No. 116430. The Victoria Mills Limited., and Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", December 24, 1962.
- Class 13. Nos. 116576 and 116577. Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, State of Maharashtra, "Textile piece goods", January 8, 1963.
- Class 13. Nos. 116588 to 116591. Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, State of Maharashtra "Textile piece goods", January 10, 1963.
- Class 13. Nos. 116595 to 116605. Crown Spg. & Mfg. Co. Ltd. Gokhale Road, (South), Parcl, Bombay 13, Nationality-Indian, "Textile goods", January 11, 1963.
- Class 13. Nos. 116641 to 116654, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, State of Maharashtra, India, a Company incorporated in India, "Textile piece goods", January 14, 1963.
- Class 13. Nos. 116706 to 116709. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", January 18, 1963.
- Class 13. Nos. 116710 to 116714. The Bombay Dyeing and Mig. Co., Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay I, "Cotton textiles", January 18, 1963.
- Class 13. Nos. 116715 to 116718. The Century Spg. and Mfg. Co. Ltd., Gokhale Road, (South) Parel, Bombay 13. Nationality—Indian, "Textile goods", January 18, 1963.
- Class 14. No. 115784. Shree Ram Mills Ltd., Fergusson Road, Parel, Bombay 13, State of Maharashtra, India, a Company incorporated in India, "Textile piece goods", October 23, 1962.
- Copywright Extended for a second period of Five Years Design No. 98727, Class 3.

S. VENKATESWARAN Controller General of Patents, Designs and Trade Marks